

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

What is claimed is:

1. - 113. (Cancelled)

114. (New) A dynamic carrier-selection method comprising the steps of:
creating a candidate carrier list from a plurality of carriers;
changing from a first carrier of the plurality of carriers to a second carrier of the plurality of carriers in response to a determination that the quality of the first carrier is not acceptable, the second carrier being included in the carrier list, wherein the second carrier is the carrier, other than the first carrier, having the greatest measured quality wherein the quality of the plurality of carriers is measured with reference to interference based on a carrier-signal-to-interference-signal strength ratio (C/I) wherein I comprises external interference and self interference, and multi-path fading;
measuring a quality of each of the plurality of carriers;
ranking the plurality of carriers according to the measured quality, wherein the candidate carrier list is created in accordance with the ranking of the plurality of carriers;
re-measuring the quality of each of the plurality of carriers;
re-ranking the plurality of carriers according to the re-measured quality; and
updating the candidate carrier list in accordance with the re-ranking of the plurality of carriers.